

Title (en)
LOOP TYPE HEAT PIPE

Title (de)
SCHLEIFENWÄRMEROHR

Title (fr)
CALODUC DE TYPE BOUCLE

Publication
EP 3926286 B1 20220810 (EN)

Application
EP 21178561 A 20210609

Priority
JP 2020105170 A 20200618

Abstract (en)
[origin: EP3926286A1] A loop type heat pipe (1) includes: an evaporator (10) that vaporizes working fluids; a first condenser (21) and a second condenser (22) that liquefy the working fluids respectively; a first liquid pipe (41) that includes a first flow channel (71) and connects the evaporator (10) and the first condenser (21) to each other; a second liquid pipe (42) that includes a second flow channel (72) and connects the evaporator (10) and the second condenser (22) to each other; and a first vapor pipe (31) that connects the evaporator (10) and the first condenser (21) to each other; and a second vapor pipe (32) that connects the evaporator (10) and the second condenser (22) to each other. The evaporator (10) includes: a third flow channel (73) connected to the first liquid pipe (41) and the first vapor pipe (31); a fourth flow channel (74) connected to the second condenser (22) and the second vapor pipe (32); and a partition wall (92) that partitions the third flow channel (73) and the fourth flow channel (74) from each other.

IPC 8 full level
F28D 15/02 (2006.01)

CPC (source: CN EP US)
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